Web Soil Survey – weed grants

SOIL MAP
Go to the web address: http://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx and use the instructions provided below to get the maps and information you need. Instructions for just two soil properties maps are provided here, but many others can be obtained. Use Soil Data Explorer to get other information and create other maps. If you find Internet Explorer is not compatible with Web Soil Survey, try using another browser, such as Firefox or Google Chrome.

For more explanation, visit: http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm and http://websoilsurvey.sc.egov.usda.gov/App/GettingStarted.htm

1. Select the zoom tool button (magnifying glass with +) above the map view.
2. Zoom in to the area you'd like to use for your soil map by clicking on top of the center of that area. Each time you click the center of the area, the map view will zoom in more. If you need to zoom out, select the zoom out tool button (magnifying glass with -) and click the center of the area.
3. Once the map is at the scale you need, go to the tool bar of the Area of Interest Interactive Map and click on the icon with a red rectangle and the letters "AOI". If you want to draw an irregular shape for you AOI, select the AOI button with a red irregular shape.
4. Draw the shape needed for your map with your mouse. Once you let go of the mouse button, the website should process the information and show a map with your AOI highlighted by blue lines.
5. Go up to the yellow tabs on the screen above the map view window, and click the tab labeled "Soil Map". A soil map with soil units, labels, and a table of soils should appear. Go up to the tan button labeled "Printable Version" above the map. Click the "Printable Version" button and enter a custom subtitle for the map in the menu box that pops up. You will have to enable pop-ups for this website to view the printable version.
6. Click the "view" button in the menu box. Once the .pdf of your map area has opened in another browser window or tab, you can download this page as a .pdf file.
7. Go back to the Web Soil Survey map window you have been using. If you want to create more maps with soil properties, go on in the instructions below….
   If not, log out by clicking the dark "Log Out" button above the yellow tabs. This will ensure you start a new session the next time you log into Web Soil Survey.

SOIL PROPERTIES MAP
Saturated conductivity (Ksat)
1. Go up to the yellow tabs on the screen, and click the tab labeled "Soil Data Explorer". This should open another set of tabs and a menu. Go to the second set of yellow tabs and click the tab labeled "Soil Properties and Qualities".
2. Go to the menu on the left hand side of the screen and click "Soil Physical Properties". A menu of properties should unfold.
3. Click on "Saturated Hydraulic Conductivity (Ksat), Standard Classes
4. Under **View options**, click the box for Detailed Description
5. Under **Advanced Options**, click the circle for All Layers (Weighted Average)
6. Click the tan button labeled "View Description" below the **Advanced Options** menu to learn how to interpret ksat ratings.

7. Click the tan "View Rating" button. Your map should reload with rating colors over the soil units, and a table should appear with soil map unit symbol, soil, rating, and other info.
8. Go up to the square button above the map that is labeled "Printable Version". Click that button and enter a custom subtitle for the map in the menu box that pops up. You will have to enable pop-ups for this website to view the printable version.
8. Click the "view" button in the menu box. Once the .pdf of your map area has opened in another browser window or tab, you can download this page as a .pdf file.
9. Go back to the Web Soil Survey map window you have been using. If you want to create more maps with soil properties, go on in the instructions below….
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SOIL PROPERTIES MAP
Erodibility

1. Make sure you still have the "Soil Data Explorer" tab and "Soil Properties and Qualities" tab selected. They should be highlighted red.
2. Click on Soil Erosion Factors in the menu on the left.
3. Click on Wind Erodibility Group .
4. Under **View options**, click the box for Detailed Description
5. Click the tan button labeled "View Description" below the **Advanced Options** menu to learn how to interpret Wind Erodibility Group ratings.
6. Click the tan "View Rating" button. Your map should reload with rating colors over the soil units, and a table should appear with soil map unit symbol, soil, rating, and other info.
7. Go up to the square button above the map that is labeled "Printable Version". Click that button and enter a custom subtitle for the map in the menu box that pops up. You will have to enable pop-ups for this website to view the printable version.
8. Click the "view" button in the menu box. Once the .pdf of your map area has opened in another browser window or tab, you can download this page as a .pdf file.
9. Go back to the Web Soil Survey map window you have been using. If you want to create more maps with soil properties, go on in the instructions below….
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SOIL PROPERTIES MAP
pH

1. Make sure you still have the "Soil Data Explorer" tab and "Soil Properties and Qualities" tab selected. They should be highlighted red.
2. Click on Soil Erosion Factors in the menu on the left.
3. Click on Soil Chemical Properties in the menu on the left.
4. Click on pH (1 to 1 water)
5. Under **View options**, click the box for Detailed Description
6. Under **Advanced Options,** click the circle for Depth Range (Weighted Average).
7. Some herbicide labels contain specific information about the depth interval at which pH should be determined. Refer to your label to see if there is specific guidance about soil pH, and use the depths mentioned there. For herbicides Escort and Chaparral, depth should be 0-4". Type 0 into the Top Depth box, and type 4 into the Bottom depth box.

8. Click the circle for Inches.
9. Click the tan "View Rating" button. Your map should reload with rating colors over the soil units, and a table should appear with soil map unit symbol, soil, rating, and other info.
10. Go up to the square button above the map that is labeled "Printable Version". Click that button and enter a custom subtitle for the map in the menu box that pops up. You will have to enable pop-ups for this website to view the printable version.
11. Click the "view" button in the menu box. Once the .pdf of your map area has opened in another browser window or tab, you can download this page as a .pdf file.
12. Go back to the Web Soil Survey map window you have been using. If you want to create more maps with soil properties, go on in the instructions below….
If not, log out by clicking the dark "Log Out" button above the yellow tabs. This will ensure you start a new session the next time you log into Web Soil Survey.